

What is claimed is:

1 1. An image processing device for processing image data
2 representing an image, said image processing device comprising:
3 an extraction controller for extracting feature relating to
4 image color of the image from the image data;
5 a determination controller for determining a frame color
6 based on the feature extracted by said extraction controller; and
7 a synthesis controller for generating a frame of the frame
8 color determined by the determination controller around the image
9 and synthesizing a product image.

1 2. An image processing device as claimed in claim 1,
2 wherein said extraction controller extracts a color system
3 having the largest surface area within the image.

1 3. An image processing device as claimed in claim 2,
2 wherein said determination controller sets the frame color
3 to a color belonging to the color system extracted by said extraction
4 controller.

1 4. An image processing device as claimed in claim 2,
2 wherein said determination controller sets the frame color
3 to a color belonging to a color system corresponding to a
4 complement of the color system extracted by said extraction controller.

1 5. An image processing device as claimed in claim 1,

wherein said extraction controller extracts a color system having the largest surface area within the image and a color system having the next largest area within the image.

6. An image processing device as claimed in claim 5,
wherein said determination controller sets the frame color
to an intermediate color between the color systems extracted by said
extraction controller.

7. An image processing device as claimed in claim 1,
wherein said extraction controller extracts a color which is
most conspicuous within the image.

8. An image processing device as claimed in claim 7,
wherein said determination controller sets the frame color
to a color belonging to the color system to which the extracted color
belongs.

9. An image processing device as claimed in claim 7,
wherein said determination controller sets the frame color
to a color belonging to a color system corresponding to a
complement of the color extracted by said extraction controller.

10. An image processing device as claimed in claim 1,
wherein said determination controller suggests a plurality
of frame color candidates based on the feature extracted by the
extraction controller, and determines the frame color according to a

5 selection of a user from among the plurality of suggested frame color
6 candidates.

11. An image processing method for processing image data
representing an image, said image processing method comprising
steps of:
extracting a feature quantity of a color of an image;
determining a frame color based on the feature extracted
in said extracted step; and
generating a frame of the determined color around a
periphery of the image and combining the generated frame with the
image.

12. An image processing method as claimed in claim 11,
wherein said extracting step extracts a color system having
the largest surface area within the image.

13. An image processing method as claimed in claim 12,
wherein said determining step sets the frame color to a
color belonging to the color system extracted by said extracting step.

14. An image processing method as claimed in claim 12,
wherein said determining step sets the frame color to a
color belonging to a color system corresponding to a complement of
the color system extracted by said extracting step.

15. An image processing method as claimed in claim 14,

2 wherein said extracting step extracts a color system having
3 the largest surface area within the image and a color system having
4 the next largest area within the image.

1 16. An image processing method as claimed in claim 15,
2 wherein said determining step sets the frame color to an
3 intermediate color between the color systems extracted by said
4 extracting step.

1 17. An image processing method as claimed in claim 11,
2 wherein said extracting step extracts a color which is most
3 conspicuous within the image.

1 18. An image processing method as claimed in claim 17,
2 wherein said determining step sets the frame color to a
3 color belonging to the color system to which the extracted color
4 belongs.

1 19. An image processing method as claimed in claim 17,
2 wherein said determining step sets the frame color to a
3 color belonging to a color system corresponding to a complement of
4 the color extracted by said extracting step.

1 20. An image processing method as claimed in claim 11,
2 wherein said determining step includes a step of
3 suggesting a plurality of frame color candidates based on the feature
4 extracted by the extracting step, and a step of determining the frame

5 color according to a selection of a user from among the plurality of
6 suggested frame color candidates.

1 21. A computer program product for processing image data
2 representing an image, said computer program product executing
3 steps of:

4 extracting a feature quantity of a color of an image;
5 determining a frame color based on the feature extracted
6 in said extracted step; and
7 generating a frame of the determined color around a
8 periphery of the image and combining the generated frame with the
9 image.